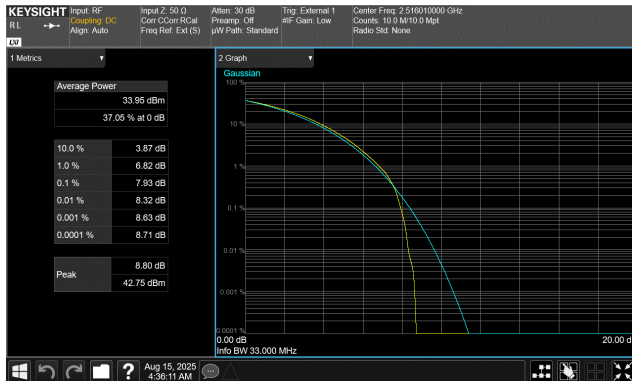
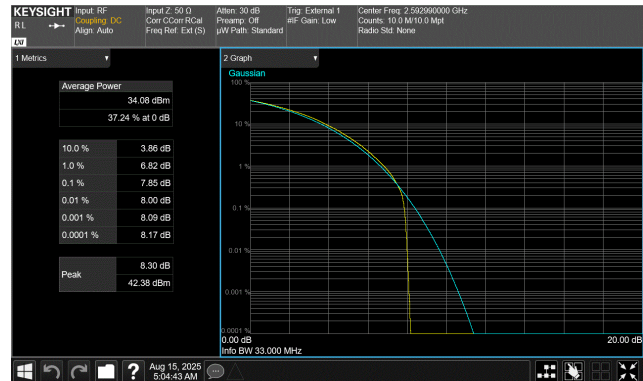


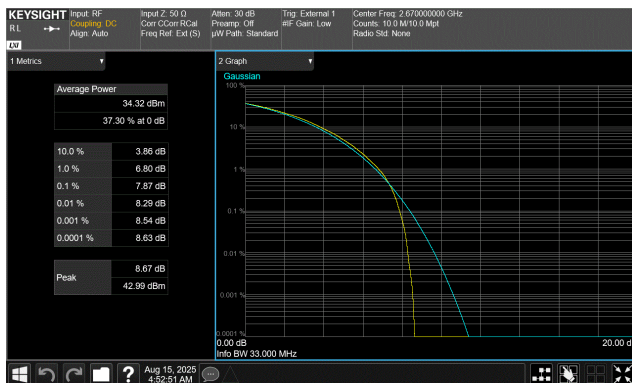
PEAK AND AVERAGE (PAPR) CCDF



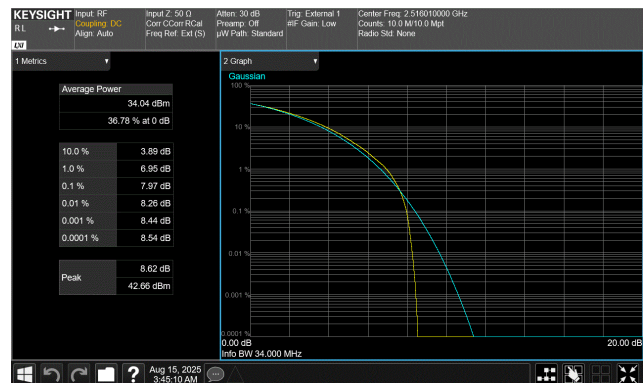
40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz



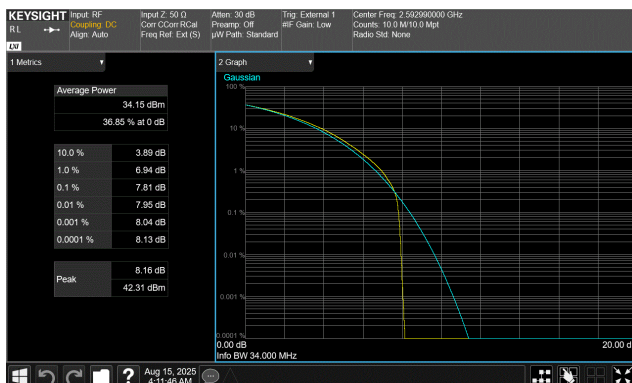
40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



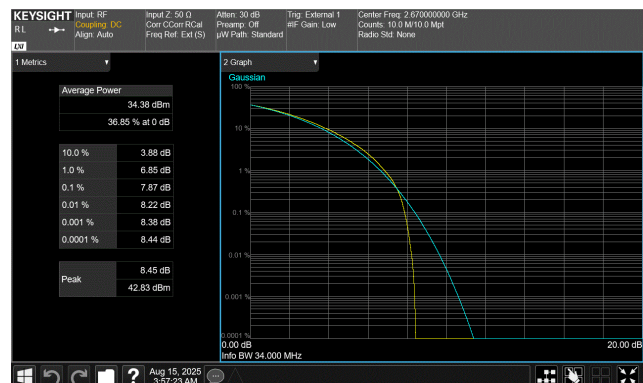
40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz

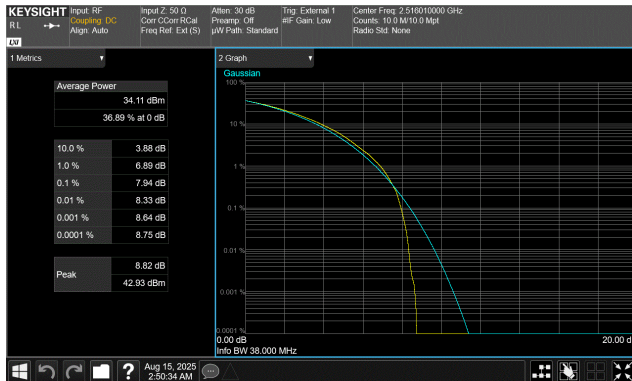


40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz

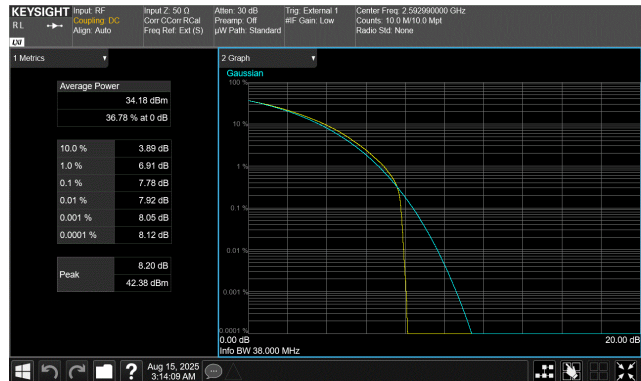


40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz

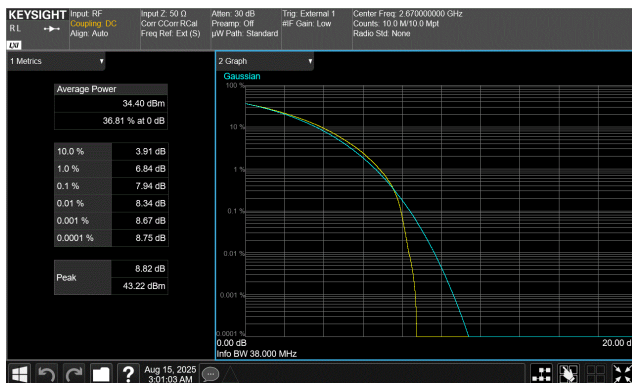
PEAK AND AVERAGE (PAPR) CCDF



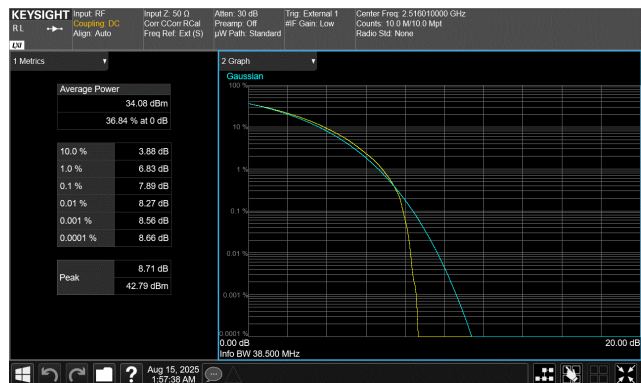
40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz



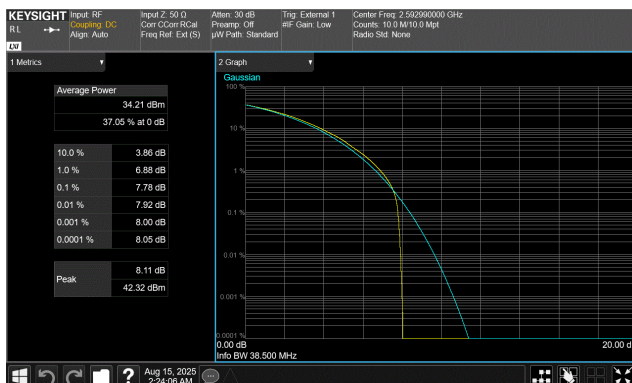
40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



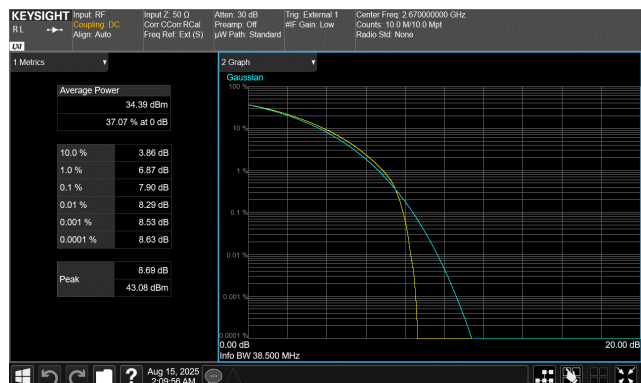
40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz

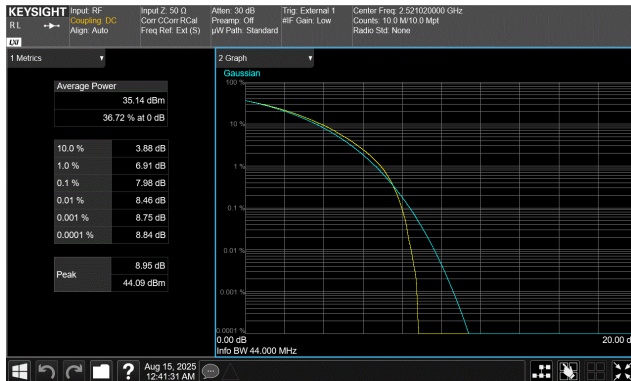


40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz

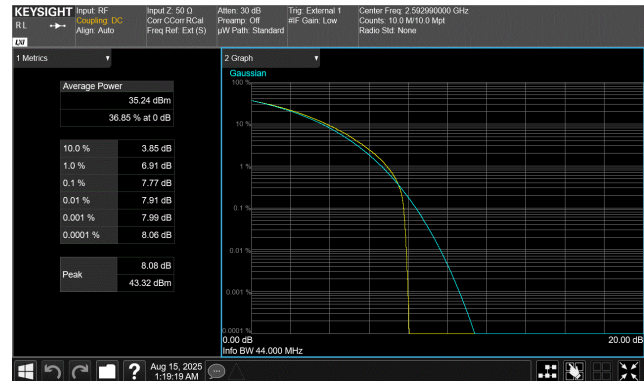


40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz

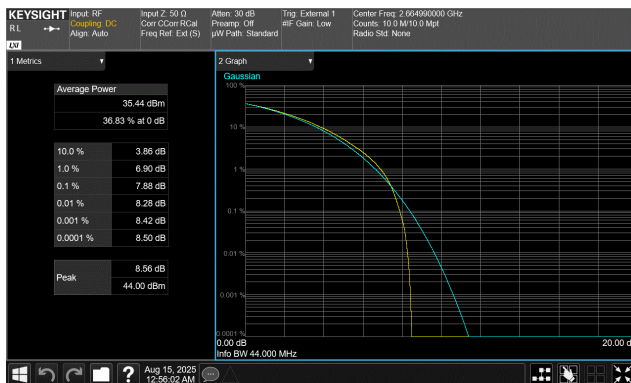
PEAK AND AVERAGE (PAPR) CCDF



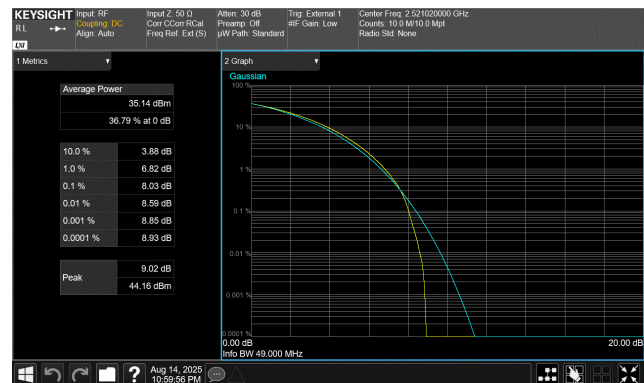
**50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2521.02 MHz**



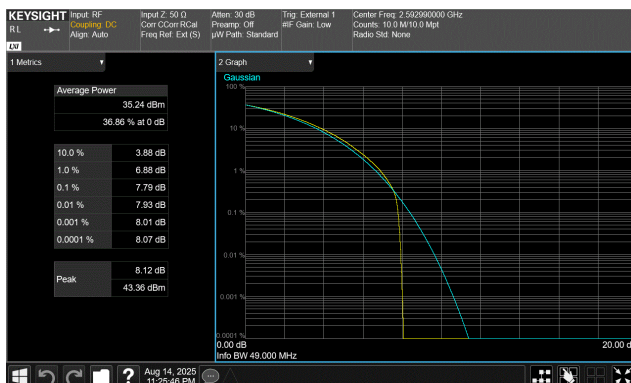
**50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**



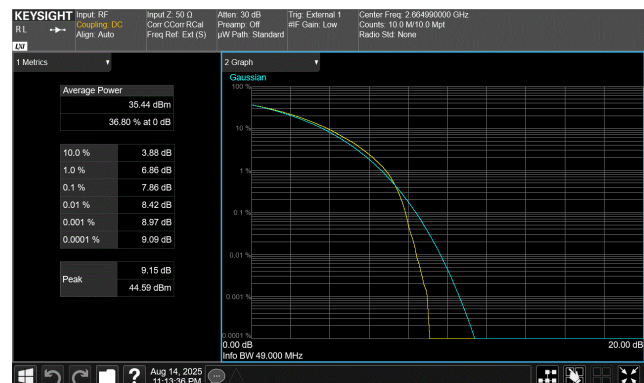
**50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2664.99 MHz**



**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2521.02 MHz**

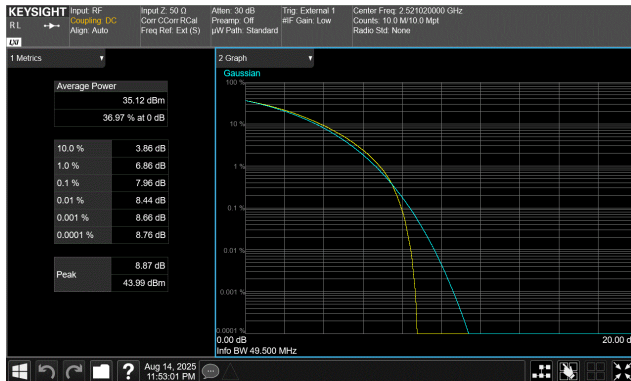


**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**

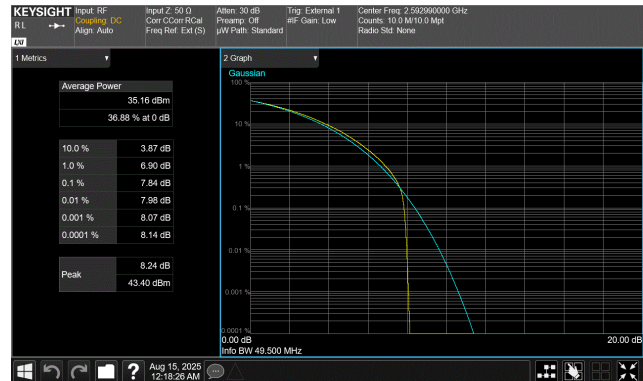


**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2664.99 MHz**

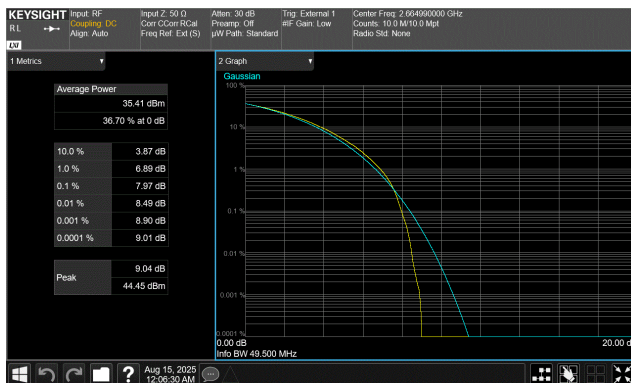
PEAK AND AVERAGE (PAPR) CCDF



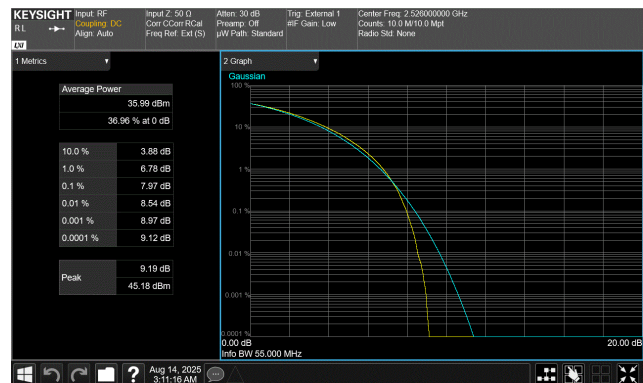
**50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2521.02 MHz**



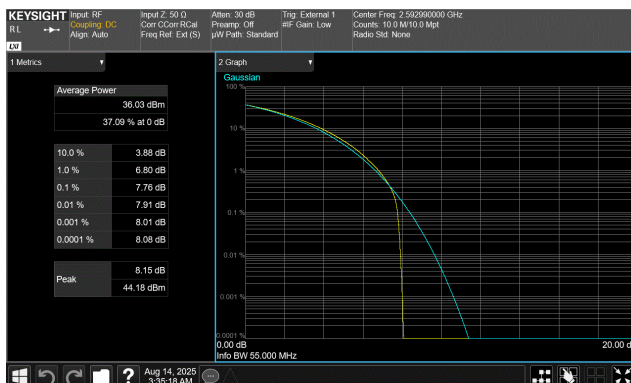
**50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**



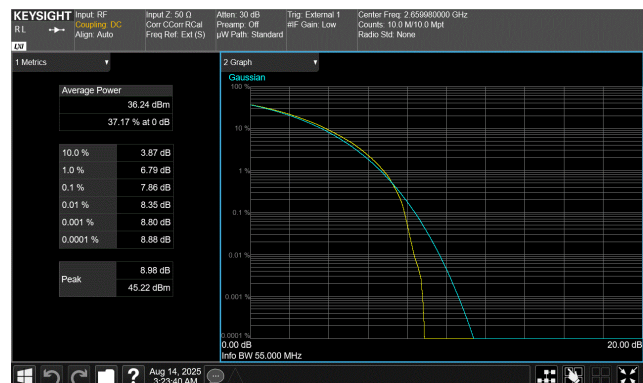
**50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2664.99 MHz**



**60 MHz Base Channel Bandwidth
55.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2562.00 MHz**

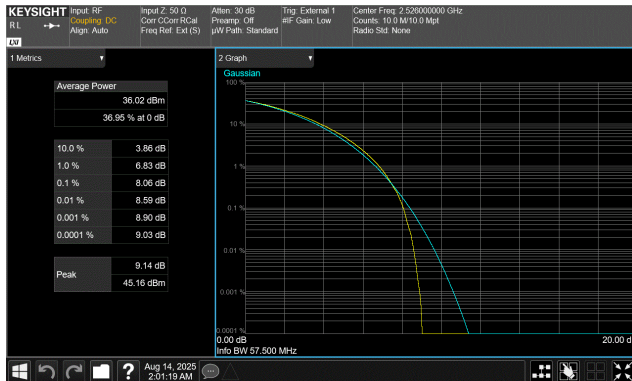


**60 MHz Base Channel Bandwidth
55.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**

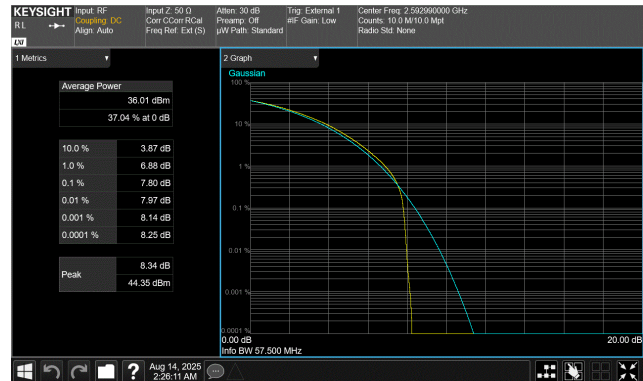


**60 MHz Base Channel Bandwidth
55.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2659.98 MHz**

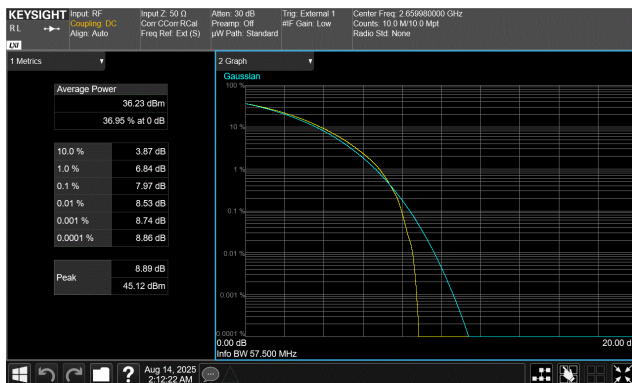
PEAK AND AVERAGE (PAPR) CCDF



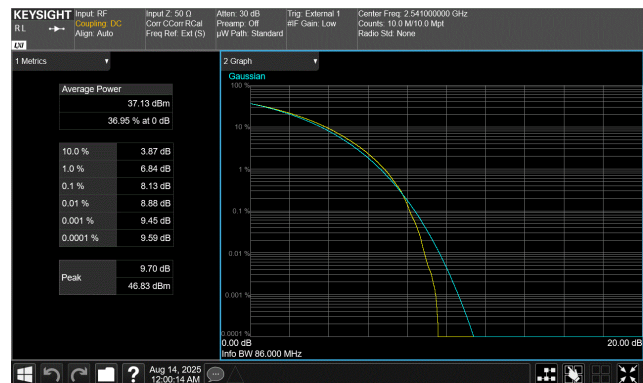
**60 MHz Base Channel Bandwidth
57.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2562.00 MHz**



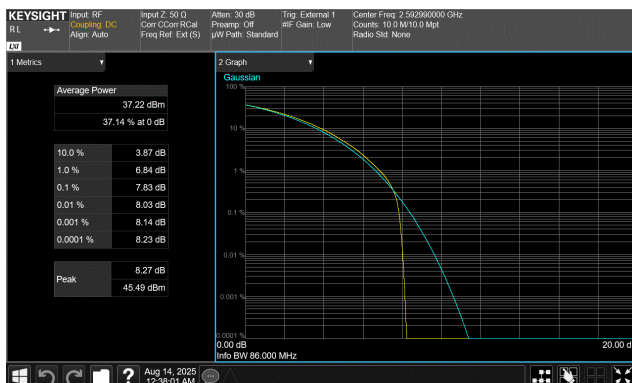
**60 MHz Base Channel Bandwidth
57.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**



**60 MHz Base Channel Bandwidth
57.5 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2659.98 MHz**



**90 MHz Base Channel Bandwidth
86.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2541.00 MHz**

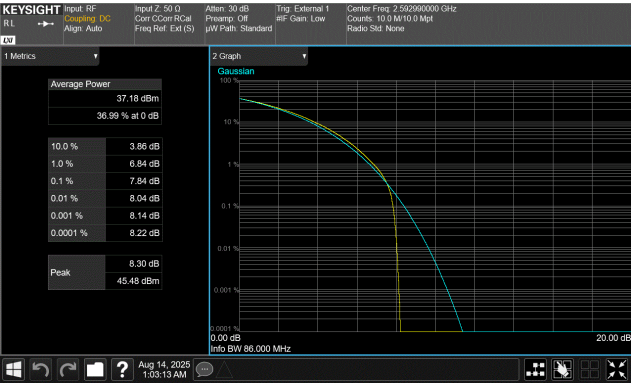


**90 MHz Base Channel Bandwidth
86.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**

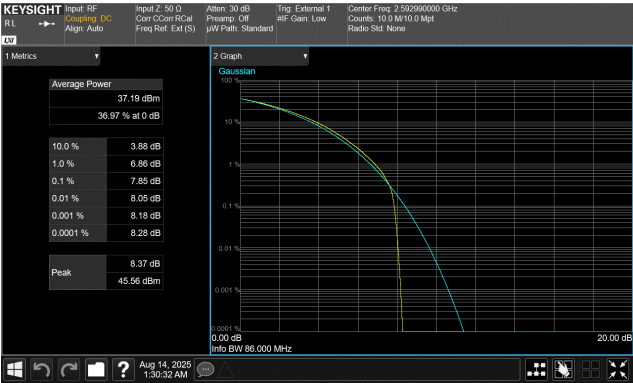


**90 MHz Base Channel Bandwidth
86.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2644.98 MHz**

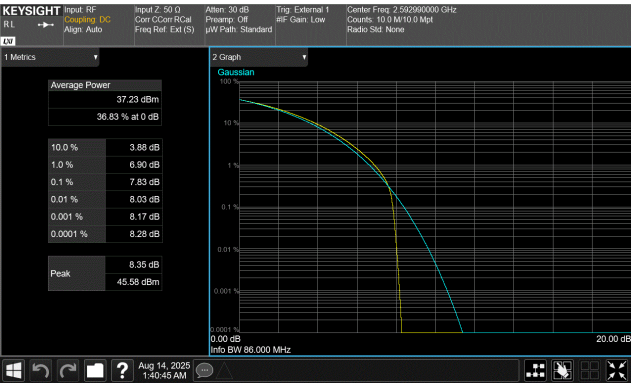
PEAK AND AVERAGE (PAPR) CCDF



90 MHz Base Channel Bandwidth
86.0 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz



90 MHz Base Channel Bandwidth
86.0 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz



90 MHz Base Channel Bandwidth
86.0 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz

OCCUPIED BANDWIDTH

TEST DESCRIPTION

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer.

The AVHA antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as listed within the "Output Power- All Ports" report section of the original NOKI0079.1 certification). Antenna port 1 was selected to perform this testing as allowed by ANSI C63.26 paragraphs 5.2.5.3, 5.7.2i and 6.4.

The 26dB emission bandwidth is measured in accordance with section 4 of FCC KDB 971168 D01v03r01 and ANSI C63.26 section 5.4. FCC 2.1049 requires an emission bandwidth measurement. FCC 27.53(l)(1) defines the emission bandwidth to be used as 26 dB down. Measurements shall be performed with the transmitter at full power on the middle channel (also Bottom & Top for 256QAM) for all single carrier bandwidths and modulation types.

The spectrum analyzer settings were as follows:

- RBW is 1% - 5% of the occupied bandwidth
- VBW is $\geq 3x$ the RBW
- Peak Detector was used
- Trace max hold was used

OCCUPIED BANDWIDTH

FCC 5G Emission Designators for BRS/EBS Band (2496MHz to 2690MHz)					
Channel Bandwidth	Radio Channel	5G-NR: QPSK	5G-NR: 16QAM	5G-NR: 64QAM	5G-NR: 256QAM
33MHz	Low	32M8G7W			
	Mid	32M8G7W	32M7G7W	32M8G7W	32M8G7W
	High	32M9G7W			
34MHz	Low	33M7G7W			
	Mid	33M6G7W	33M6G7W	33M7G7W	33M6G7W
	High	33M7G7W			
38MHz	Low	38M0G7W			
	Mid	38M1G7W	38M2G7W	38M1G7W	38M5G7W
	High	38M1G7W			
38.5MHz	Low	38M3G7W			
	Mid	38M3G7W	38M3G7W	38M2G7W	38M7G7W
	High	38M4G7W			
44MHz	Low	43M9G7W			
	Mid	43M8G7W	43M9G7W	43M9G7W	43M8G7W
	High	43M9G7W			
49MHz	Low	49M0G7W			
	Mid	49M1G7W	48M9G7W	48M9G7W	49M0G7W
	High	49M0G7W			
49.5MHz	Low	49M6G7W			
	Mid	49M7G7W	49M6G7W	49M6G7W	49M6G7W
	High	49M7G7W			
55MHz	Low	55M6G7W			
	Mid	55M7G7W	55M7G7W	55M7G7W	55M6G7W
	High	55M7G7W			
57.5MHz	Low	58M1G7W			
	Mid	58M2G7W	58M2G7W	58M2G7W	58M1G7W
	High	58M1G7W			
86MHz	Low	87M8G7W			
	Mid	87M8G7W	87M9G7W	87M8G7W	87M9G7W
	High	87M8G7W			
Note: FCC emission designators are based on 26dB emission bandwidth measurement data.					

OCCUPIED BANDWIDTH

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Analyzer - Spectrum Analyzer	Keysight Technologies	N9030B	AGA	2025-06-09	2026-06-09
Block - DC	Centric RF	C0140	ANJ	NCR	NCR
Generator - Signal	Agilent	N5173B	TIW	2023-08-07	2026-08-07

Note: The RF Test Setup/ Network (RF cables/Attenuators/filter/etc.) is defined in the configurations section for each test. The RF Test Setup/Network is calibrated using the signal generator and spectrum analyzer prior to test. The RF insertion loss of the RF Test Setup/Network is accounted for by the spectrum analyzer's reference level offset during the RF conducted testing.

OCCUPIED BANDWIDTH

EUT:	Airscale Base Transceiver Station Radio Unit Model AVHA	Work Order:	NOKI0087
Serial Number:	L1252500217	Date:	2025-08-14
Customer:	Nokia Solutions and Networks	Temperature:	27.1°C
Attendees:	Mitch Hill, John Rattanaovong	Relative Humidity:	41.5%
Customer Project:	None	Bar. Pressure (PMSL):	1017 mbar
Tested By:	Jarrod Brenden	Job Site:	PT14
Power:	54VDC	Configuration:	NOKI0087-2

COMMENTS

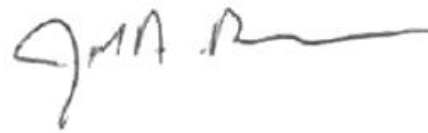
All losses in the measurement path were accounted for in the reference level offset; attenuators, filters, cables, and DC blocks.

DEVIATIONS FROM TEST STANDARD

None

CONCLUSION

Pass



Tested By

TEST RESULTS

	Value 99% (MHz)	Value 26dB (MHz)	Limit	Result
Port 1				
40 MHz Base Channel Bandwidth				
33.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2516.01 MHz	30.782 MHz	32.838 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	30.842 MHz	32.834 MHz	Within Band	Pass
High Channel, 2670.0 MHz	30.81 MHz	32.879 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	30.713 MHz	32.697 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	30.821 MHz	32.774 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	30.797 MHz	32.833 MHz	Within Band	Pass
34.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2516.01 MHz	31.498 MHz	33.691 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	31.478 MHz	33.644 MHz	Within Band	Pass
High Channel, 2670.0 MHz	31.505 MHz	33.653 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	31.755 MHz	33.614 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	31.505 MHz	33.704 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	31.51 MHz	33.635 MHz	Within Band	Pass

OCCUPIED BANDWIDTH

	Value 99% (MHz)	Value 26dB (MHz)	Limit	Result
38.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2516.01 MHz	35.776 MHz	38.024 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	35.801 MHz	38.125 MHz	Within Band	Pass
High Channel, 2670.0 MHz	35.796 MHz	38.068 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	36.056 MHz	38.222 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	35.832 MHz	38.103 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	36.2 MHz	38.474 MHz	Within Band	Pass
38.5 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2516.01 MHz	35.792 MHz	38.313 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	35.823 MHz	38.341 MHz	Within Band	Pass
High Channel, 2670.0 MHz	35.787 MHz	38.365 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	36.108 MHz	38.306 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	35.855 MHz	38.209 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	36.287 MHz	38.716 MHz	Within Band	Pass
50 MHz Base Channel Bandwidth				
44.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2521.02 MHz	41.253 MHz	43.906 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	41.283 MHz	43.833 MHz	Within Band	Pass
High Channel, 2664.99 MHz	41.234 MHz	43.856 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	41.493 MHz	43.883 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	41.22 MHz	43.896 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	41.19 MHz	43.756 MHz	Within Band	Pass
49.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2521.02 MHz	46.17 MHz	49.026 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	46.207 MHz	49.074 MHz	Within Band	Pass
High Channel, 2664.99 MHz	46.176 MHz	49.035 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	46.403 MHz	48.925 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	46.139 MHz	48.916 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	46.183 MHz	48.996 MHz	Within Band	Pass

OCCUPIED BANDWIDTH

	Value 99% (MHz)	Value 26dB (MHz)	Limit	Result
49.5 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2521.02 MHz	46.915 MHz	49.608 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	46.917 MHz	49.677 MHz	Within Band	Pass
High Channel, 2664.99 MHz	46.875 MHz	49.71 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	47.046 MHz	49.643 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	46.864 MHz	49.645 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	46.871 MHz	49.642 MHz	Within Band	Pass
60 MHz Base Channel Bandwidth				
55.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2562.00 MHz	52.903 MHz	55.645 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	52.929 MHz	55.687 MHz	Within Band	Pass
High Channel, 2659.98 MHz	52.886 MHz	55.699 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	53.277 MHz	55.745 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	52.921 MHz	55.68 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	52.977 MHz	55.647 MHz	Within Band	Pass
57.5 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2562.00 MHz	55.081 MHz	58.115 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	55.116 MHz	58.163 MHz	Within Band	Pass
High Channel, 2659.98 MHz	55.043 MHz	58.134 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	55.457 MHz	58.192 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	55.101 MHz	58.222 MHz	Within Band	Pass
256QAM Modulation				
Middle Channel, 2592.99 MHz	55.097 MHz	58.063 MHz	Within Band	Pass
90 MHz Base Channel Bandwidth				
86.0 MHz Slim Carrier Bandwidth				
QPSK Modulation				
Low Channel, 2541.00 MHz	83.294 MHz	87.816 MHz	Within Band	Pass
Middle Channel, 2592.99 MHz	83.312 MHz	87.848 MHz	Within Band	Pass
High Channel, 2644.98 MHz	83.303 MHz	87.826 MHz	Within Band	Pass
16QAM Modulation				
Middle Channel, 2592.99 MHz	83.821 MHz	87.888 MHz	Within Band	Pass
64QAM Modulation				
Middle Channel, 2592.99 MHz	83.357 MHz	87.805 MHz	Within Band	Pass
256QAM Modulation				

OCCUPIED BANDWIDTH

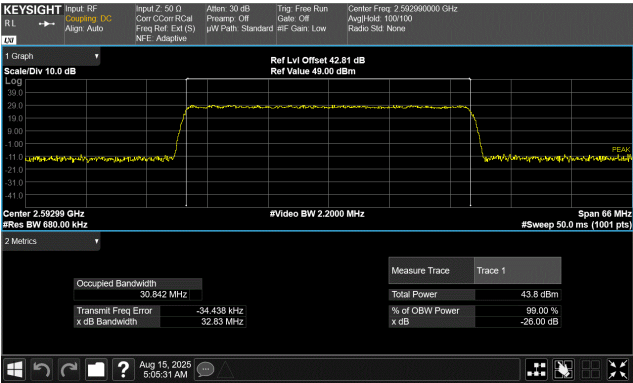


	Value 99% (MHz)	Value 26dB (MHz)	Limit	Result
Middle Channel, 2592.99 MHz	83.451 MHz	87.854 MHz	Within Band	Pass

OCCUPIED BANDWIDTH



40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz



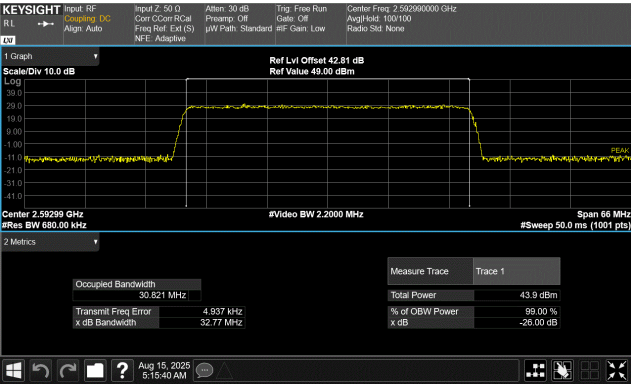
40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz



40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
33.0 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz

OCCUPIED BANDWIDTH



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
34.0 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz

OCCUPIED BANDWIDTH



40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz



40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz



40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz

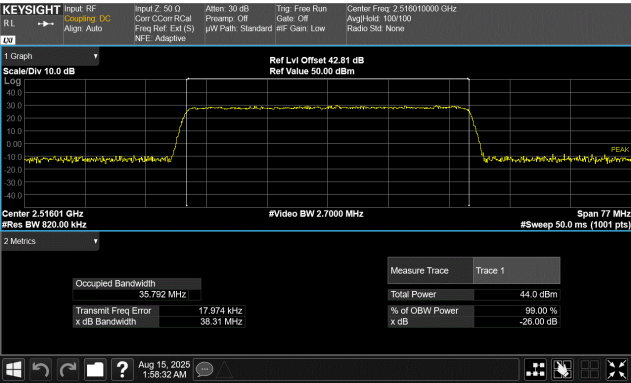


40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
38.0 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz

OCCUPIED BANDWIDTH



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2516.01 MHz



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2670.0 MHz



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz



40 MHz Base Channel Bandwidth
38.5 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz

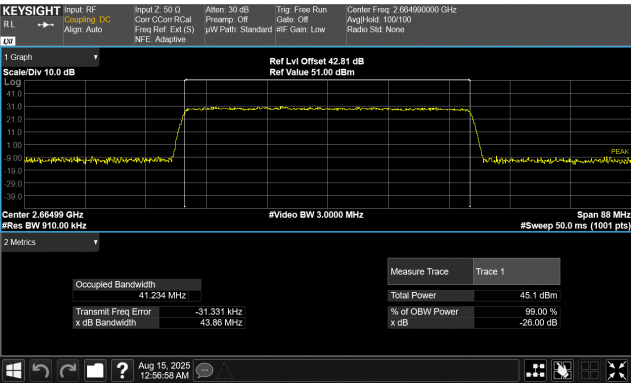
OCCUPIED BANDWIDTH



50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2521.02 MHz



50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2664.99 MHz



50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz

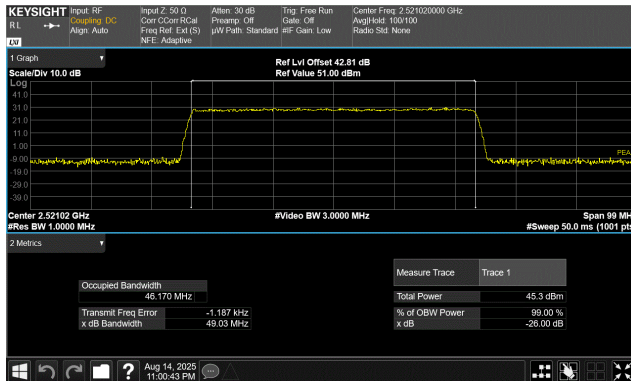


50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz

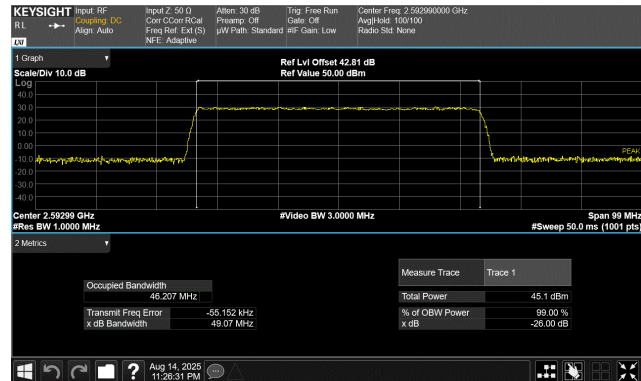


50 MHz Base Channel Bandwidth
44.0 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz

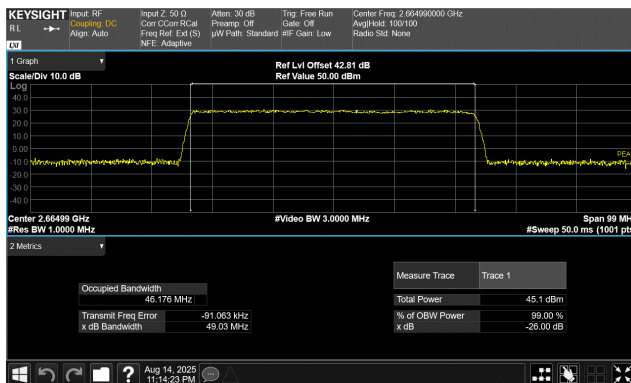
OCCUPIED BANDWIDTH



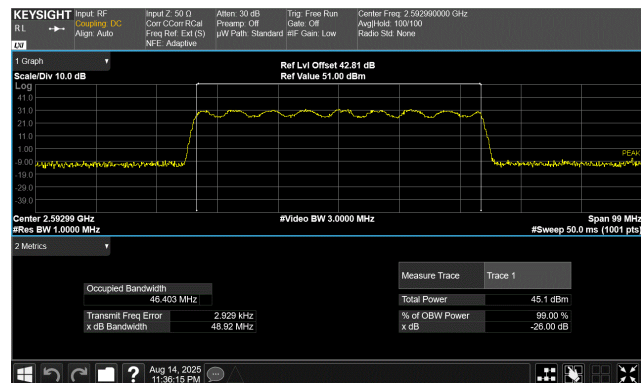
**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2521.02 MHz**



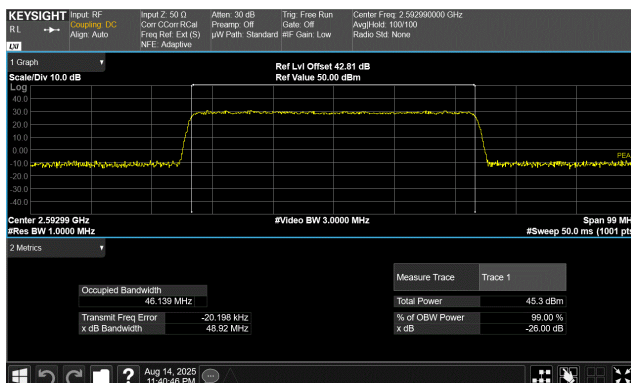
**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz**



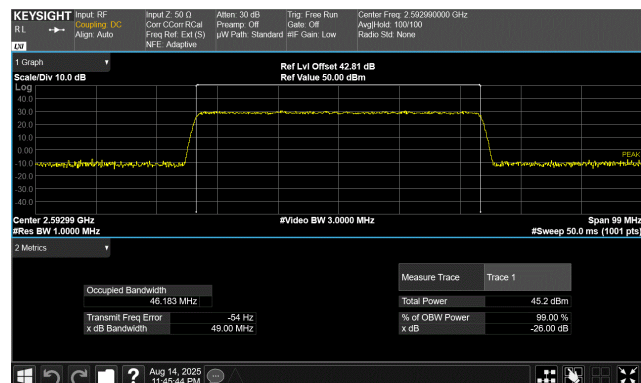
**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2664.99 MHz**



**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz**



**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz**

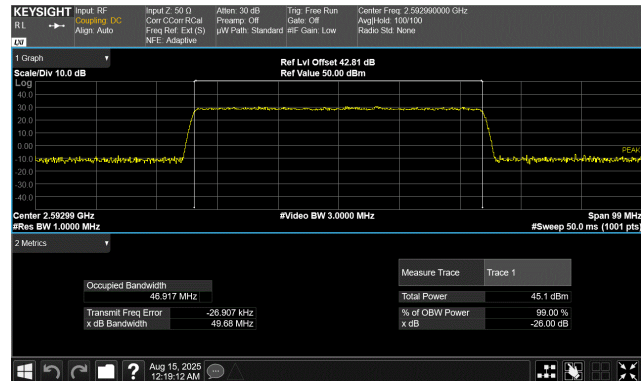


**50 MHz Base Channel Bandwidth
49.0 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz**

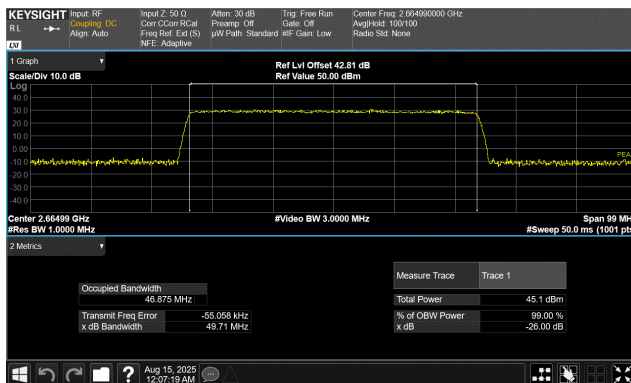
OCCUPIED BANDWIDTH



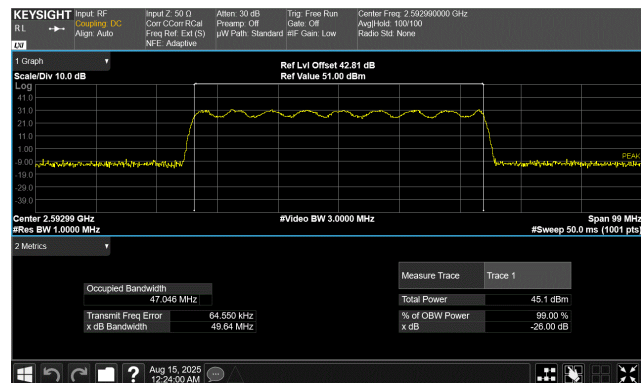
50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Low Channel, 2521.02 MHz



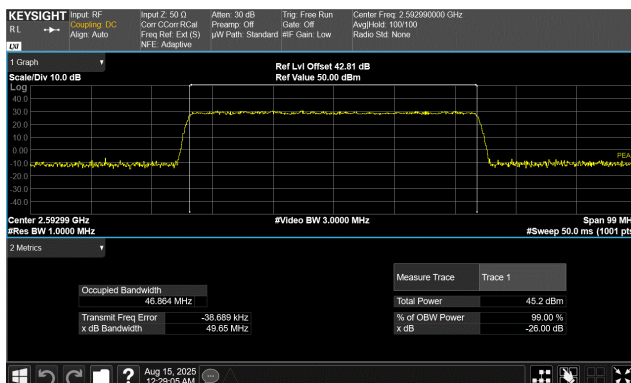
50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
QPSK Modulation
Middle Channel, 2592.99 MHz



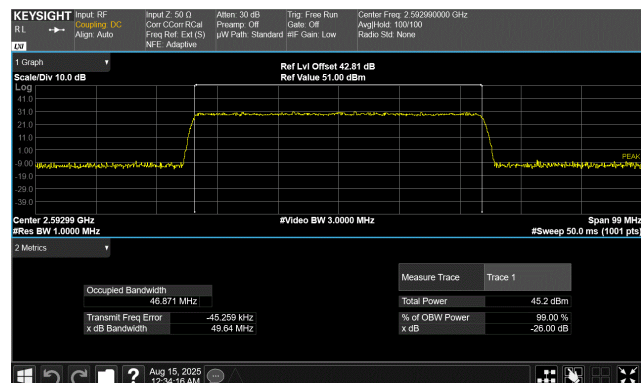
50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
QPSK Modulation
High Channel, 2664.99 MHz



50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
16QAM Modulation
Middle Channel, 2592.99 MHz



50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
64QAM Modulation
Middle Channel, 2592.99 MHz



50 MHz Base Channel Bandwidth
49.5 MHz Slim Carrier Bandwidth
256QAM Modulation
Middle Channel, 2592.99 MHz